

Appl. No. 10/731,042
Amdt. Dated , 2005
Reply to Office Action of Apr. 22, 2005

Amendments to the Abstract:

Please replace the abstract with the following amended abstract:

A light guide plate (10) includes a transparent plate (20), and a plurality of diffusing protrusions (30) and a plurality of dots (40). The transparent plate includes an emitting surface (21), and a bottom surface (23) opposite to the emitting surface. The diffusing protrusions are distributed evenly on the emitting surface of the transparent plate, and are integrated with the transparent plate. ~~The dots are distributed on the bottom surface of the transparent plate.~~ The diffusing protrusions are hemispherical or sub-hemispherical, and a diameter of each diffusing protrusion is in the range from 10 μ m~50 μ m. The light guide plate provides high emitting brightness and uniformity. The diffusing protrusions can diffuse light beams emitting from the emitting surface of the transparent plate, in order to achieve a plane light source having even brightness. ~~Moreover, the dots on the bottom surface can scatter and reflect incident light beams, so as to totally eliminate internal reflection of light beams and make the light beams evenly emit from the emitting surface.~~ The present invention also discloses a method for fabricating the light guide plate.